

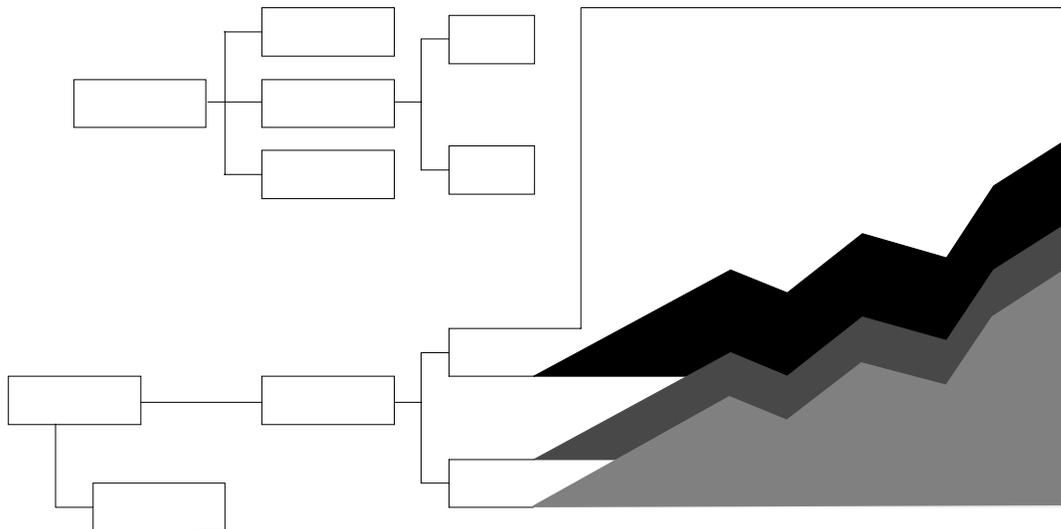
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*Monthly Summary of*

**Program Financial and Budget Information**

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FY 2001 Year-end Report



**Office of Civilian Radioactive Waste Management**  
Office of Program Management and Administration

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## Foreword

The *Monthly Summary of Program Financial and Budget Information* is a compendium of program-level financial and budget information which is intended to assist the Director, OCRWM, in managing the program. It utilizes the Program Work Breakdown Structure and the Budget and Reporting codes instituted at the start of FY 1997.

The report provides a variety of financial and budget-related data, including Nuclear Waste Fund status, Total System Life Cycle Cost (TSLCC) estimates, historical data on cost and budget, and current year obligations and costs. Major sources of data include the Financial Information System (FIS) and the Approved Funding Program (AFP).

The report focuses on the program level; it is not meant to duplicate more detailed project or contractor reporting.

Questions or comments regarding the *Monthly Summary of Program Financial and Budget Information* should be forwarded to the Director, Program Management Division, RW-53.

# Monthly Summary of Program Financial and Budget Information

## Table of Contents

|   | <u>Page</u> |
|---|-------------|
| <b>1.0 Program Overview</b>                                     |             |
| FY2001-FY2002 Budget Formulation Summary                        | 1-1         |
| Nuclear Waste Fund Balance and Income Stream                    | 1-2         |
| Changes in Nuclear Waste Fund Information – January 2001        | 1-3         |
| Nuclear Waste Fund Income Sources and Disbursements             | 1-4         |
| Summary of Total System Life Cycle Costs                        | 1-5         |
| Manpower - Federal Personnel                                    | 1-6         |
| Manpower - Contractor Personnel                                 | 1-7         |
| FY2001 Obligation and Cost Status - Program                     | 1-8         |
| <b>2.0 Yucca Mountain Site Characterization Program Element</b> |             |
| FY2001 Obligation and Cost Status                               | 2-1         |
| <b>3.0 WAST Program Element</b>                                 |             |
| FY2001 Obligation and Cost Status                               | 3-1         |
| <b>4.0 Program Integration Program Element</b>                  |             |
| Quality Assurance FY2001 Obligation and Cost Status             | 4-1         |
| Program Management FY2001 Obligation and Cost Status            | 4-2         |
| Human Resources & Admin. FY2001 Obligation and Cost Status      | 4-3         |

# Monthly Summary of Program Financial and Budget Information

## Appendix

|                                 | <b><u>Page</u></b> |
|---------------------------------|--------------------|
| <b>Program History</b>          |                    |
| Major Historical Milestones     | A-1                |
| Program Cost History            | A-3                |
| Program Budget History (Figure) | A-4                |
| Program Budget History (Table)  | A-5                |

**FY 2001 - FY 2002  
BUDGET FORMULATION SUMMARY**

(dollars in thousands)

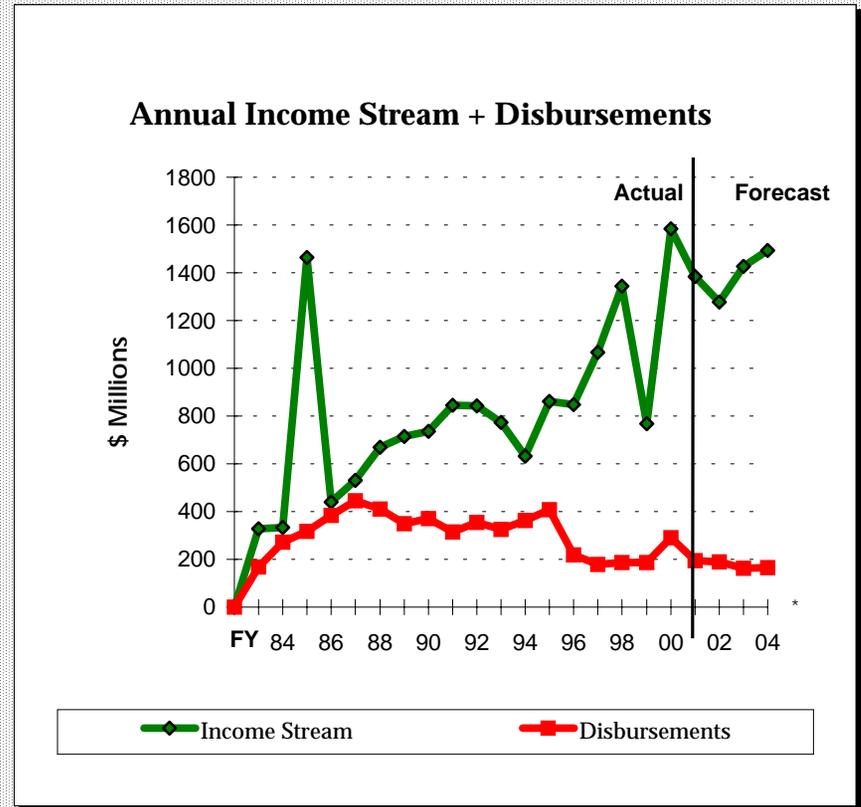
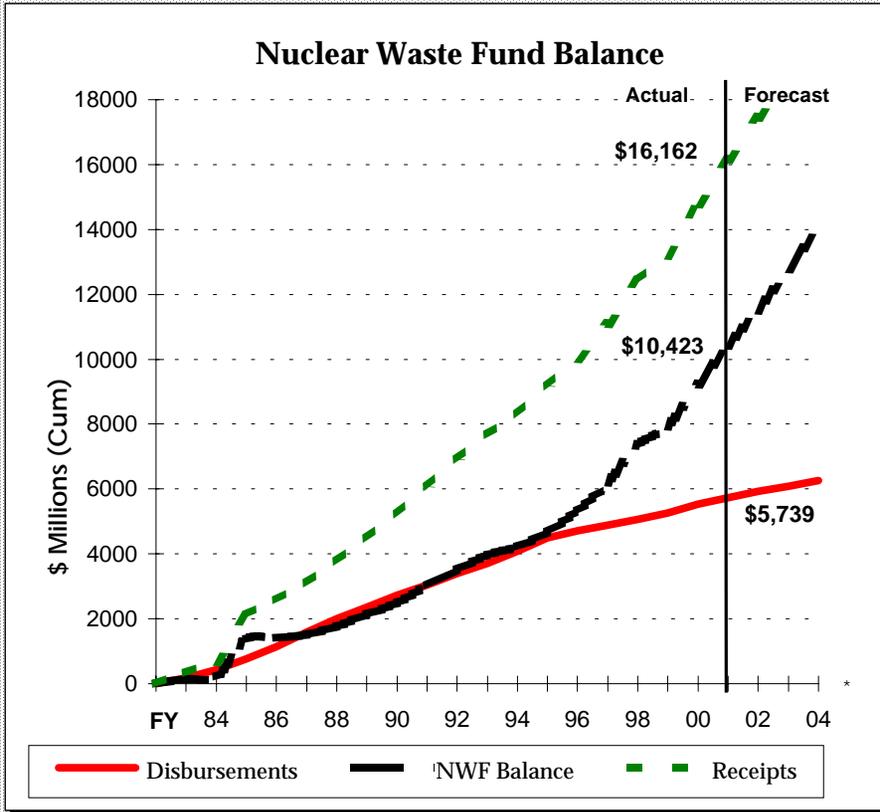
| PROGRAM ELEMENT                              | FY 2001 CONGRESSIONAL BUDGET REQUEST |                                   |                        |                            |                            | FY 2001 ENACTED Appropriation (f) | FY 2002 CONGRESSIONAL BUDGET REQUEST |                                  |                        |                            |                            | FY 2002 ENACTED Appropriation |
|--|--------------------------------------|-----------------------------------|------------------------|----------------------------|----------------------------|-----------------------------------|--------------------------------------|----------------------------------|------------------------|----------------------------|----------------------------|-------------------------------|
|  | FY 1999 Enacted Appropriation (a)    | FY 2000 Enacted Appropriation (b) | FY 2001 Budget Request | FY 2002 Budget Request (c) | FY 2003 Budget Request (c) |                                   | FY 2000 Comparable Budget            | FY 2001 Comparable Appropriation | FY 2002 Budget Request | FY 2003 Budget Request (g) | FY 2004 Budget Request (g) |                               |
| YUCCA MOUNTAIN SITE CHAR. PROJECT            | \$281,879                            | \$281,175                         | \$358,306              | \$357,917                  | \$349,115                  | \$323,542                         | \$270,595                            | \$312,985                        | \$355,465              | \$363,000                  | \$367,000                  | TBD                           |
| WASTE ACCEPTANCE, STORAGE AND TRANSPORTATION | \$1,850                              | \$1,795                           | \$3,800                | \$6,118                    | \$22,050                   | \$2,661                           | \$1,795                              | \$2,661                          | \$5,868                | \$12,000                   | \$12,000                   | TBD                           |
| ACCELERATOR TRANSMUTATION OF WASTE           | \$4,000                              |                                   |                        |                            |                            | \$0                               |                                      |                                  |                        |                            |                            |                               |
| PROGRAM INTEGRATION:                         |                                      |                                   |                        |                            |                            |                                   |                                      |                                  |                        |                            |                            |                               |
| Quality Assurance                            | (d)                                  | (d)                               | (d)                    | (d)                        | (d)                        | \$0                               | (d)                                  | (d)                              | \$6,384                | \$5,000                    | \$5,000                    | TBD                           |
| Program Management                           | \$6,009                              | \$4,761                           | \$5,921                | \$6,388                    | \$6,390                    | \$6,233                           | \$4,761                              | \$6,233                          | \$7,204                | \$3,000                    | \$3,000                    | TBD                           |
| Human Resources & Admn.                      | \$5,241                              | \$3,860                           | \$5,845                | \$5,693                    | \$5,561                    | \$5,838                           | \$3,860                              | \$5,838                          | \$5,656                | \$3,000                    | \$3,000                    | TBD                           |
| Subtotal, Program Integration                | \$11,250                             | \$8,621                           | \$11,766               | \$12,081                   | \$11,951                   | \$12,071                          | \$8,621                              | \$12,071                         | \$19,244               | \$11,000                   | \$11,000                   | TBD                           |
| Program Direction                            | \$58,486                             | \$59,584                          | \$63,628               | \$61,384                   | \$59,884                   | \$62,800                          | \$59,500                             | \$62,662                         | \$64,402               | \$65,000                   | \$75,000                   | TBD                           |
| TOTAL, PROGRAM INTEGRATION                   | \$69,736                             | \$68,205                          | \$75,394               | \$73,465                   | \$71,835                   | \$74,871                          | \$68,121                             | \$74,733                         | \$83,646               | \$76,000                   | \$86,000                   | TBD                           |
| <b>TOTAL PROGRAM</b>                         | <b>\$357,465</b>                     | <b>\$351,175</b>                  | <b>\$437,500</b>       | <b>\$437,500</b>           | <b>\$443,000</b>           | <b>\$401,074</b>                  | <b>\$340,511</b>                     | <b>\$390,379</b>                 | <b>\$444,979</b>       | <b>\$451,000</b>           | <b>\$465,000</b>           | <b>TBD</b>                    |
| TOTAL FEDERAL STAFFING (FTEs)                | 183                                  | 196                               | 200                    | (e)                        | (e)                        |                                   | (e)                                  | (e)                              | (e)                    | (e)                        | (e)                        |                               |

Note: This chart uses the actual structure (i.e. Program Elements) used in the budget submissions in the OCRWM budget formulation process.

- (a) Reflects the \$535K rescinded from the FY 1999 Nuclear Waste Disposal Fund per the Emergency Steel Loan Guarantee and Emergency Oil and Gas Guaranteed Loan Act of 1999 (H.R. 1664).
- (b) Per P.L. 106-113, a general reduction of .038 percent was applied to the Nuclear Waste Fund (\$899K) and the Defense Nuclear Waste Appropriation (\$426K).
- (c) The outyears shown here are preliminary, and do not necessarily reflect program requirements. Future budget requests for the program have yet to be established and will be determined through the annual executive and Congressional budget process.
- (d) The Quality Assurance budget is included in the Program Direction account under support services.
- (e) FTEs were not provided in the Congressional Budget Request.
- (f) Sources of the appropriation are H.R. 5483, FY 2001 Energy and Water Development Appropriations, which was enacted in Public Law 106-377, and the FY 2001 Consolidated Appropriations Act, which rescinded \$695,000. Allocations to each Program Element are from the OCRWM Program Management Division (Michael Wolfe).
- (g) The outyears shown here are preliminary, and do not necessarily reflect program requirements. Future budget requests for the Program has yet to be established and will be determined through the annual Executive and Congressional budget process.

# NUCLEAR WASTE FUND BALANCE AND INCOME STREAM

1-2



\* Each tick mark represents the end of a fiscal year.  
Current Values as of September 30, 2001

FOR EXPLANATION OF CHANGES TO NWF INFORMATION MADE IN JANUARY 2001, SEE PAGE 1-3

Sources: Refer to Page 1-4 for sources of information on this chart.

## Changes in Nuclear Waste Fund Information – January 2001

Beginning with the January 2001 report, investment returns and fee income data are being changed. These changes affect both actual prior-year income and estimates of future income.

### Reporting and Forecasting Investment Returns

**Investment returns for zero-coupon bonds** – Investment returns from zero-coupon bonds are being restated to reflect the Department of the Treasury's method of reporting actual returns in the President's Budget and to provide more reliable estimates of future returns. This change only affects the returns from the zero-coupon portion of the Nuclear Waste Fund (NWF) portfolio (currently about one-half of the portfolio). Returns from Treasury bills and coupon-bearing bonds are unaffected.

**Old calculation method** – Previously, the return on zero-coupon bonds was calculated using the straight-line amortization method. This method assumes that the value of the bond increases by the same amount every year; it is calculated as the difference between the maturity value of the bond and the purchase price, divided by the number of years to maturity. For consistency, this method was used for both actual and projected returns. However, it had two disadvantages: (1) returns calculated by this methodology conflicted with actual returns reported for each fiscal year by the Department of the Treasury, and (2) estimated returns calculated by this method tended to overstate imputed income from zero-coupon bonds in the early years of a bond's lifetime.

**New calculation method** – The NWF began purchasing zero-coupon bonds in 1997. Zero-coupon bonds do not pay periodic interest, but are purchased at a deep discount and gradually increase in value until they reach their face value at maturity. For the President's Budget, the Treasury Department defines the annual return of a zero-coupon bond as the change in its market price during the year. This value is now used to report **actual returns** of the zero-coupon bond portion of the NWF investment portfolio at the end of each fiscal year. However, price changes are dependent on market conditions and are therefore inherently unpredictable. For that reason, the effective yield method, which is based on McGraw Hill/DRI interest rate forecasts, is now used **to estimate future returns** for the zero-coupon bond portion of the NWF investment portfolio. This method assumes that the value of a zero-coupon bond increases by the same percentage every year; it is calculated as the beginning value of the bond, multiplied by the market yield at the time the bond was purchased. Over time, this should closely match the bond's actual change in price. However, significant differences for any given fiscal year between **estimated** returns calculated using this methodology and year-end **market value** returns as reported by Treasury should be expected.

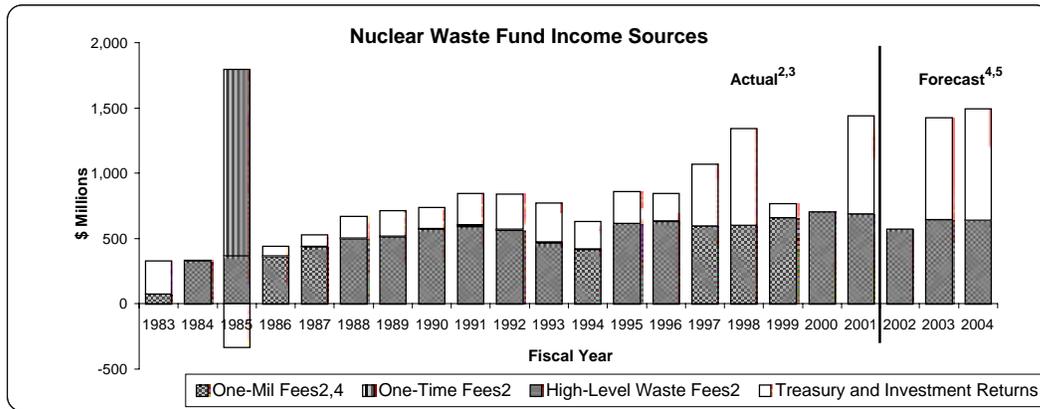
**Impact of change** – Using this new methodology changed the investment returns for FYs 1997 through 2000 from \$520M, \$561M, \$780M, and \$752M, respectively, to \$471M, \$743M, \$106M, and \$883M, respectively. As a result, cumulative investment returns were reduced from \$2.613B to \$2.203B, and the NWF balance was reduced from \$9.644B to \$9.234B.

### Reporting and Forecasting Fee Income

**Reporting adjustments from PECO settlement** – Prior to January 2001, fee reductions to reimburse PECO (per the July 19, 2000 Amendment to Contract "DE-CR01-83 NE44405 Between U.S. Department of Energy and PECO Energy Company) were erroneously recorded as adjustments to one-time fees. These adjustments are now correctly reported as adjustments to the one-mil/kWh fees. This change reduced the actual one-mil fees by \$4M in both FY 2000 and FY 2001, and increased the actual one-time fees by \$4M in each of these years.

**Forecasting one-mil/kWh fee income** – Prior to January 2001, projected one-mil fees were based solely on forecast electricity generation and sales. Projected one-mil fees now include adjustments for potential litigation settlements. For FYs 2001, 2002, and 2003, the forecast one-mil fees changed from \$717M, \$704M, and \$702M, respectively, to \$620M, \$640M, and \$625M, respectively.

## Nuclear Waste Fund Income Sources and Disbursements<sup>1</sup>



| Fiscal Year | Spent Nuclear Fuel Fees     |                            |                              | Defense Fees                       | Treasury Loan       | Investment Returns <sup>3,5</sup> | Total Annual Income | Annual Disbursements <sup>6</sup> | NWF Balance |
|-------------|-----------------------------|----------------------------|------------------------------|------------------------------------|---------------------|-----------------------------------|---------------------|-----------------------------------|-------------|
|             | One-Mil Fees <sup>2,4</sup> | One-Time Fees <sup>2</sup> | Cumulative Fees <sup>2</sup> | High-Level Waste Fees <sup>2</sup> | Principal (Payment) |                                   |                     |                                   |             |
| 1983        | 74                          | 0                          | 74                           | 0                                  | 254                 | 0                                 | 327                 | 169                               | 158         |
| 1984        | 330                         | 0                          | 404                          | 0                                  | 5                   | 0                                 | 334                 | 271                               | 221         |
| 1985        | 367                         | 1,427                      | 2,198                        | 0                                  | -258                | -74                               | 1,463               | 317                               | 1,367       |
| 1986        | 362                         | 6                          | 2,566                        | 0                                  | 0                   | 73                                | 441                 | 385                               | 1,423       |
| 1987        | 435                         | 6                          | 3,007                        | 0                                  | 0                   | 89                                | 530                 | 446                               | 1,507       |
| 1988        | 498                         | 6                          | 3,511                        | 0                                  | 0                   | 165                               | 669                 | 412                               | 1,764       |
| 1989        | 513                         | 6                          | 4,030                        | 0                                  | 0                   | 196                               | 715                 | 349                               | 2,130       |
| 1990        | 570                         | 6                          | 4,606                        | 0                                  | 0                   | 161                               | 737                 | 372                               | 2,495       |
| 1991        | 594                         | 6                          | 5,206                        | 5                                  | 0                   | 241                               | 846                 | 315                               | 3,026       |
| 1992        | 560                         | 6                          | 5,772                        | 8                                  | 0                   | 268                               | 842                 | 354                               | 3,514       |
| 1993        | 466                         | 11                         | 6,249                        | 0                                  | 0                   | 296                               | 773                 | 325                               | 3,962       |
| 1994        | 418                         | 4                          | 6,671                        | 0                                  | 0                   | 210                               | 632                 | 364                               | 4,229       |
| 1995        | 615                         | 0                          | 7,286                        | 0                                  | 0                   | 246                               | 861                 | 408                               | 4,682       |
| 1996        | 633                         | 1                          | 7,920                        | 0                                  | 0                   | 212                               | 847                 | 218                               | 5,311       |
| 1997        | 596                         | 0                          | 8,516                        | 0                                  | 0                   | 471                               | 1,067               | 178                               | 6,200       |
| 1998        | 600                         | 0                          | 9,116                        | 0                                  | 0                   | 743                               | 1,343               | 186                               | 7,357       |
| 1999        | 662                         | 0                          | 9,778                        | 0                                  | 0                   | 106                               | 768                 | 186                               | 7,939       |
| 2000        | 702                         | 0                          | 10,480                       | 0                                  | 0                   | 883                               | 1,585               | 290                               | 9,234       |
| 2001        | 689                         | 0                          | 11,169                       | 0                                  | 0                   | 694                               | 1,383               | 194                               | 10,423      |
| Cum-to-date | 9,684                       | 1,485                      | 11,169                       | 13                                 | 0                   | 4,980                             | 16,162              | 5,739                             | 10,423      |
| Forecast    |                             |                            |                              |                                    |                     |                                   |                     |                                   |             |
| 2002        | 572                         | 0                          | 11,741                       | 0                                  | 0                   | 706                               | 1,278               | 188                               | 11,512      |
| 2003        | 647                         | 0                          | 12,388                       | 0                                  | 0                   | 779                               | 1,426               | 163                               | 12,775      |
| 2004        | 640                         | 0                          | 13,028                       | 0                                  | 0                   | 853                               | 1,493               | 166                               | 14,102      |

FOR EXPLANATION OF CHANGES TO NWF INFORMATION MADE IN JANUARY 2001, SEE PAGE 1-3

- 1 Current Values as of September 30, 2001. Rows may not add due to independent rounding. Receipts and Disbursements do not include Defense Nuclear Waste Disposal appropriations because these funds do not flow through the Nuclear Waste Fund. For FYs 1993 through 2001, these appropriations were \$100M, \$120M, \$129.430M, \$163.4M, \$200M, \$190M, \$189M, \$111.6M, and \$209.7M, respectively.
- 2 Actual Fees from the "NWF Summary of Cash Balances" issued monthly by the DOE Office of Chief Financial Officer.
- 3 Actual Investment Returns for FY 2000 and prior years include coupon interest receipts; net premiums and discounts paid and received on bills, notes, and bonds; and the annual change in market value of zero coupon bonds. Actual Investment Returns for FY 2001 include accrued coupon interest and amortized premiums and discounts of bills, notes, and bonds; and amortized interest income based on the effective yield at the time of bond purchase for zero-coupon bonds.
- 4 Forecast kWh Fee Receipts are based on EIA projections as of 9/7/2001 with adjustments made for potential litigation settlements.
- 5 Forecast Investment Returns consist/include anticipated effective yield earnings on all securities from the date of purchase.
- 6 Forecast Disbursements are based on FY2001 appropriations and the OCRWM FY2002 Congressional Budget Request, with appropriations adjusted to disbursements using OMB's simplified (50/50) formula plus \$27 million for future appropriations to the NRC and TRB. Actual and Forecast disbursements include Program Expenditures, NRC, NWN, and NWTRB appropriations, interest on Treasury loans (FY84 \$3M, FY85 \$5M) and interest refunded to utilities (FY88 \$7M, FY89 \$1M, FY92 \$7M, FY93 \$41M, FY94 \$48M, FY95 \$19M, FY96 \$1M).

**SUMMARY OF  
TOTAL-SYSTEM LIFE-CYCLE COSTS**  
(millions of 2000 dollars)

| <u>Cost Element</u>                        | <u>Total Cost</u> |
|--|-------------------|
| Monitored Geologic Repository              | \$42,070          |
| Waste Acceptance, Storage & Transportation | 5,960             |
| Nevada Transportation                      | 840               |
| Program Integration/Non-OCRWM (NRC, NWTRB) | 4,070             |
| <u>Institutional</u>                       | <u>4,580</u>      |
| <b>2000 TSLCC Total</b>                    | <b>\$57,520</b>   |

|   |                 |
|---|-----------------|
| Historical Program Cost, 1983 - 2000 <sup>(a)</sup> | \$8,230         |
| <u>Program Cost, 2001 - 2119</u>                    | <u>\$49,290</u> |
| <b>Total Estimate for Program</b>                   | <b>\$57,520</b> |

(a) Historical program cost is \$6.7 Billion in year-of-expenditure dollars, as of 2000.

Data extracted from "Analysis of the Total System Life Cycle Cost of the Civilian Radioactive Waste Management Program", DOE/RW-0533, May 2001.

## MANPOWER - FEDERAL PERSONNEL

(Nuclear Waste Fund)

| Office   | Budgeted<br>FY2001<br>FTEs | Total<br>On Board (b) |
|--|----------------------------|-----------------------|
| Office of the Director                                 | (a)                        | 11                    |
| Office of Quality Assurance (c)                        | (a)                        | 9                     |
| Office of Acceptance, Transportation,<br>& Integration | (a)                        | 19                    |
| Office of Program Management &<br>Administration       | (a)                        | 21                    |
| Yucca Mountain Site Characterization Office            | <u>(a)</u>                 | <u>100</u>            |
| <b>Subtotal</b>  | 179                        | 160                   |
| Nevada Operations Office                               | <u>6</u>                   | <u>6</u>              |
| <b>Subtotal</b>  | 6                          | 6                     |
| DOE HQ Matrix Support                                  |                            |                       |
| CI/PA  | 2                          | 2                     |
| EI   | 1                          | 1                     |
| GC   | 6                          | 7                     |
| EH   | 1                          | 1                     |
| MA   | 4                          | 4                     |
| CR   | <u>2</u>                   | <u>2</u>              |
| <b>Subtotal</b>  | <u>16</u>                  | <u>17</u>             |
| <b>TOTAL</b>   | <b>201</b>                 | <b>183</b>            |

Source: RW-56 Human Resources Division as of September 23, 2001.

- (a) FY 2001 Budgeted FTEs are not established at the office level
- (b) Head count
- (c) Ten FTEs support YMSCO; duty stationed in Nevada

## MANPOWER - CONTRACTOR PERSONNEL

| Contractor                                     | Actual<br>FTEs<br>(FY 1997) | Actual<br>FTEs<br>(Sep 1997) | Actual<br>FTEs<br>(FY 1998) | Actual<br>FTEs<br>(Sep 1998) | Actual<br>FTEs<br>(FY 1999) | Actual<br>FTEs<br>(Sep 1999) | Actual<br>FTEs<br>(FY 2000) | Actual<br>FTEs<br>(Sep 2000) | Actual<br>FTEs<br>(FY 2001) | Actual<br>FTEs<br>(Sep 2001) |
|--|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|
| Bechtel SAIC Company, LLC<br>(BSC) (a)         |                             |                              |                             |                              |                             |                              |                             |                              | 568.7                       | 1,383.4                      |
| TRW Environmental<br>Safety Systems (TESS) (b) | 1,739.5                     | 2,222.5                      | 1,952.6                     | 2,017.7                      | 1,697.1                     | 1,547.9                      | 1,732.9                     | 1,850.1                      | 505.0                       | 0.0                          |
| USGS   | 124.2                       | 122.3                        | 115.5                       | 115.1                        | 108.4                       | 109.6                        | 85.2                        | 79.1                         | 70.8                        | 50.9                         |
| KENROB and Associates, Inc.                    | 71.3                        | 95.5                         | 52.6                        | 44.8                         | 30.1                        | 0.0                          | 0.0                         | 0.0                          | 0.0                         | 0.0                          |
| RSIS   |                             |                              |                             |                              | 18.9                        | 52.5                         | 57.3                        | 53.7                         | 54.4                        | 40.7                         |
| SAIC/QATSS                                     | 52.5                        | 82.0                         | 77.8                        | 82.0                         | 78.9                        | 100.4                        | 77.3                        | 112.3                        | 32.9                        | 0.0                          |
| Booz-Allen & Hamilton Inc. (c)                 | 27.2                        | 49.0                         | 72.6                        | 49.0                         | 85.4                        | 81.6                         | 90.1                        | 108.3                        | 91.5                        | 72.6                         |
| Alpha Services                                 | 26.8                        | 25.0                         | 26.9                        | 25.0                         | 26.8                        | 29.0                         | 27.7                        | 28.2                         | 27.7                        | 22.4                         |
| Jason & Associates                             | 12.4                        | 24.4                         | 50.8                        | 24.4                         | 40.0                        | 21.1                         | 33.5                        | 57.4                         | 48.2                        | 55.0                         |
| Navarro Quality Services                       |                             |                              |                             |                              |                             |                              |                             |                              | 9.7                         | 19.3                         |
| Other (Minors) (d)                             | 7.7                         | 8.5                          | 6.7                         | 7.5                          | 5.5                         | 5.6                          | 5.0                         | 6.8                          | 0.3                         | 0.0                          |
|  | <b>2,061.6</b>              | <b>2,629.2</b>               | <b>2,355.5</b>              | <b>2,365.5</b>               | <b>2,091.1</b>              | <b>1,947.7</b>               | <b>2,109.0</b>              | <b>2,295.9</b>               | <b>1,409.1</b>              | <b>1,644.2</b>               |

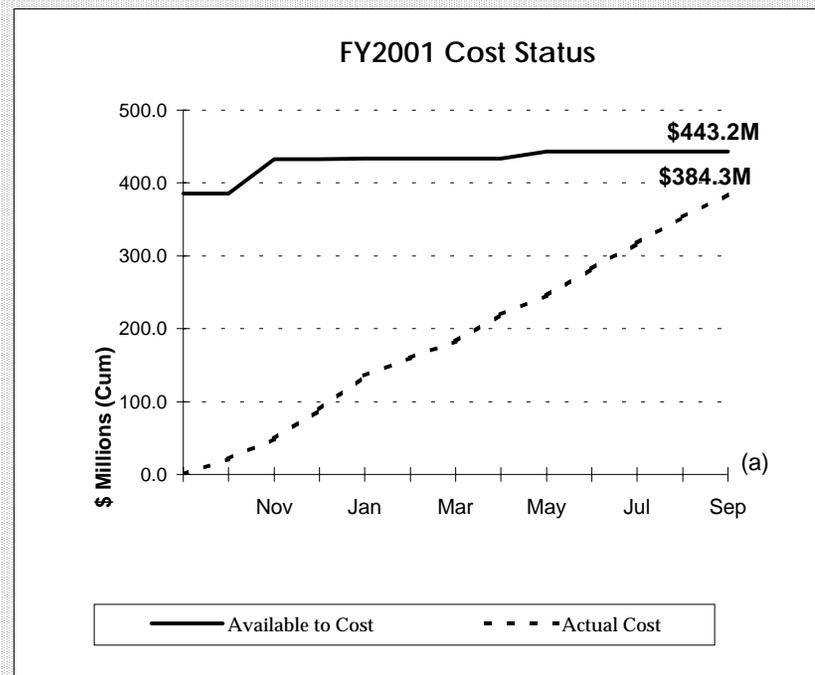
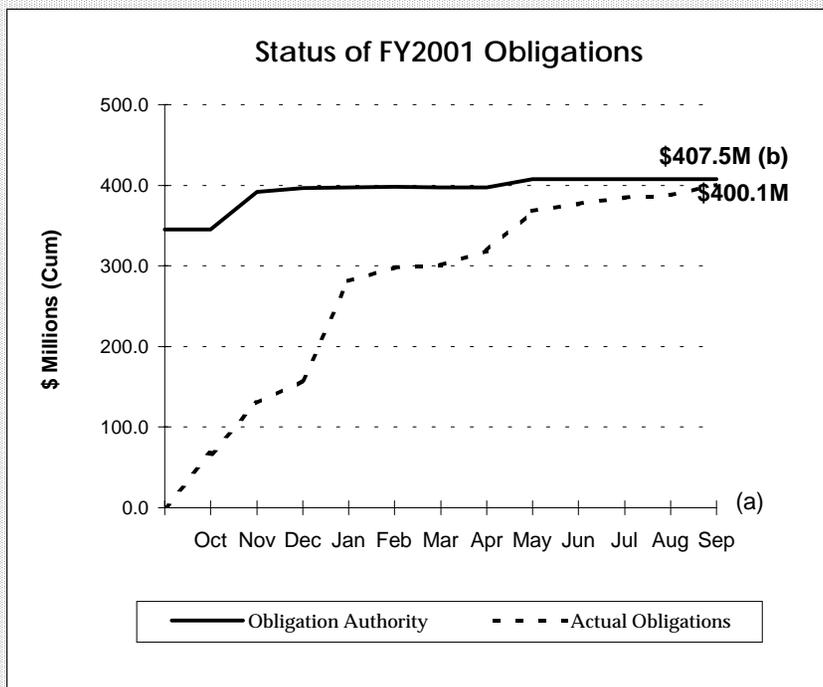
Columns may not add due to independent rounding.

Sources: Yucca Mountain Site Characterization Project Multi-year Planning System (MYPS) as of September 30, 2001 plus TRW Environmental Safety Systems Inc. (TESS) reported indirect labor as of February 28, 2001.

- (a) BSC FTEs start with March 2001.
- (b) TESS FTEs end with February 2001.
- (c) Contract awarded 2nd Quarter, FY 1997
- (d) Includes Quality Services Associates Inc. and Energy Information Administration.

## FY2001 OBLIGATION AND COST STATUS PROGRAM

1-8



(a) Each tick mark represents the end of a calendar month.

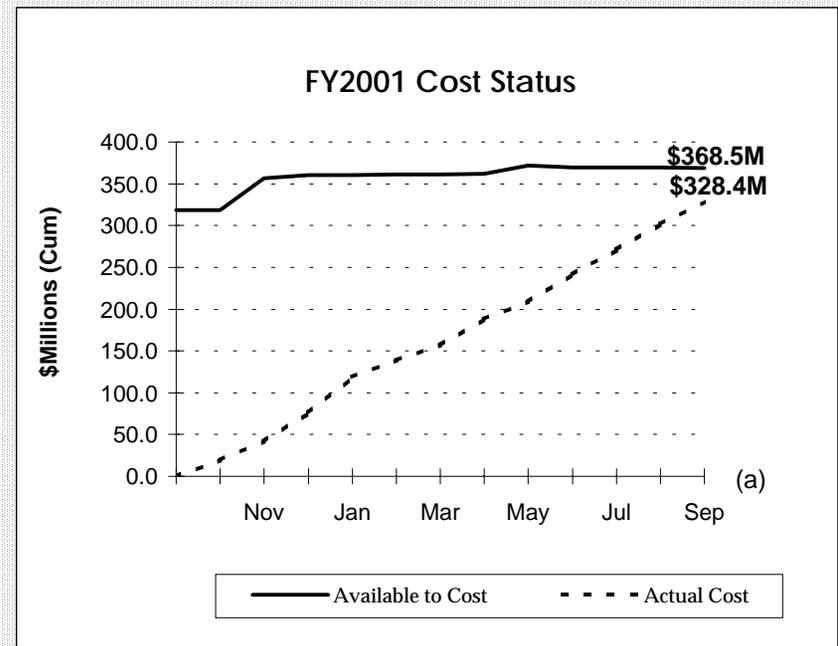
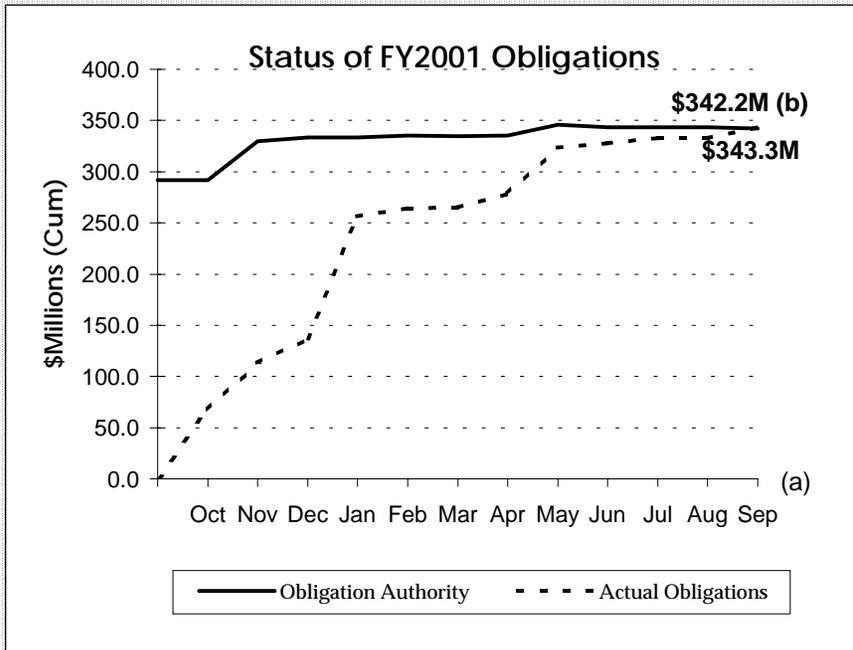
(b) Total Obligational Authority (TOA) includes \$4.9M of prior year obligations which have been de-obligated during FY 2001.

Note: Quantities shown are based on the FY 2001 September AFP and the most recent (i.e., September 30, 2001) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

## FY2001 OBLIGATION AND COST STATUS YUCCA MOUNTAIN SITE CHARACTERIZATION PROJECT

2-1



Note: Charts do not include Yucca Mountain quality assurance.

(a) Each tick mark represents the end of a calendar month.

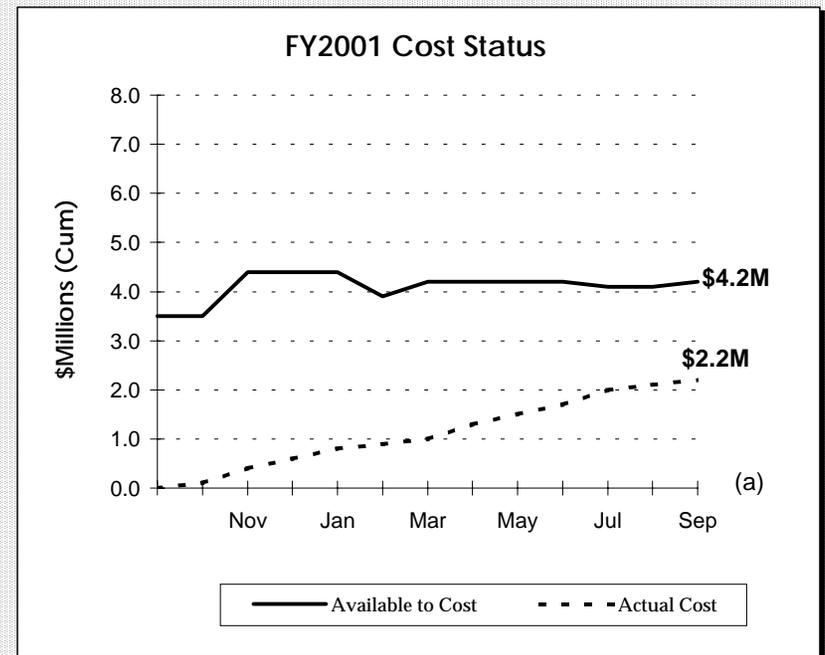
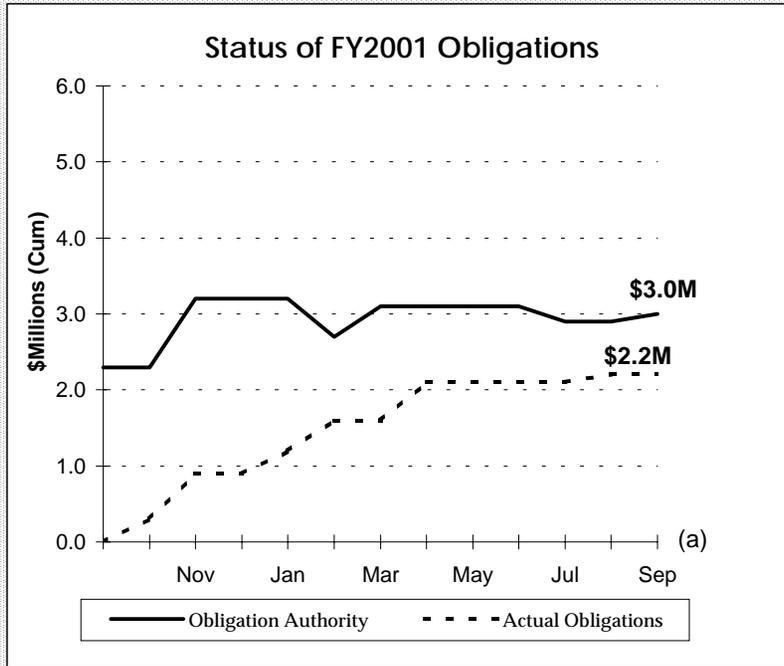
(b) Total Obligational Authority (TOA) includes \$4.6M of prior year obligations which have been de-obligated during FY 2001.

Note: Quantities shown are based on the FY 2001 September AFP and the most recent (i.e., September 30, 2001) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

## FY2001 OBLIGATION AND COST STATUS WASTE ACCEPTANCE, STORAGE, AND TRANSPORTATION

3-1



Note: Charts do not include WAST quality assurance.

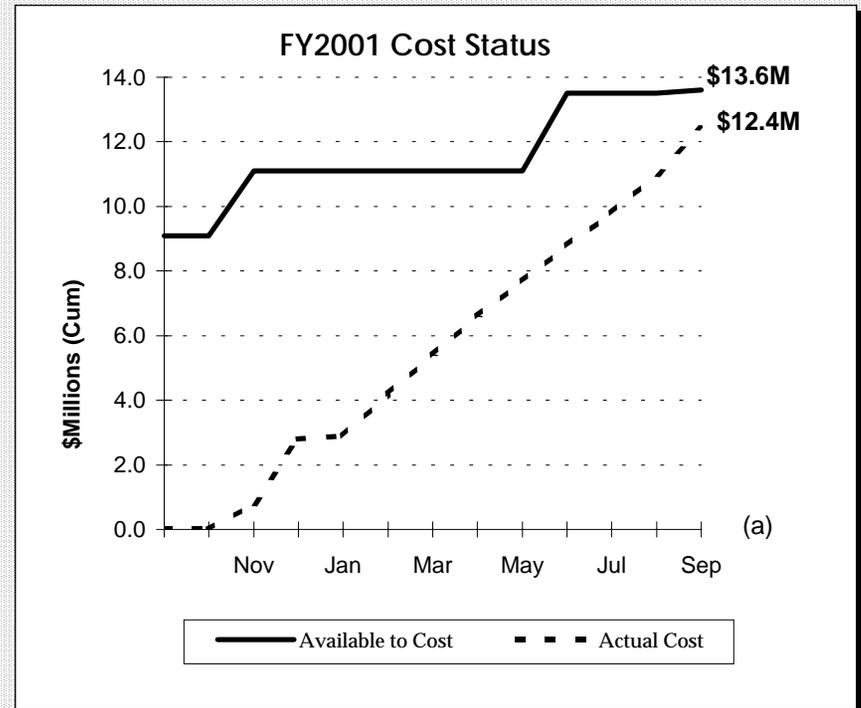
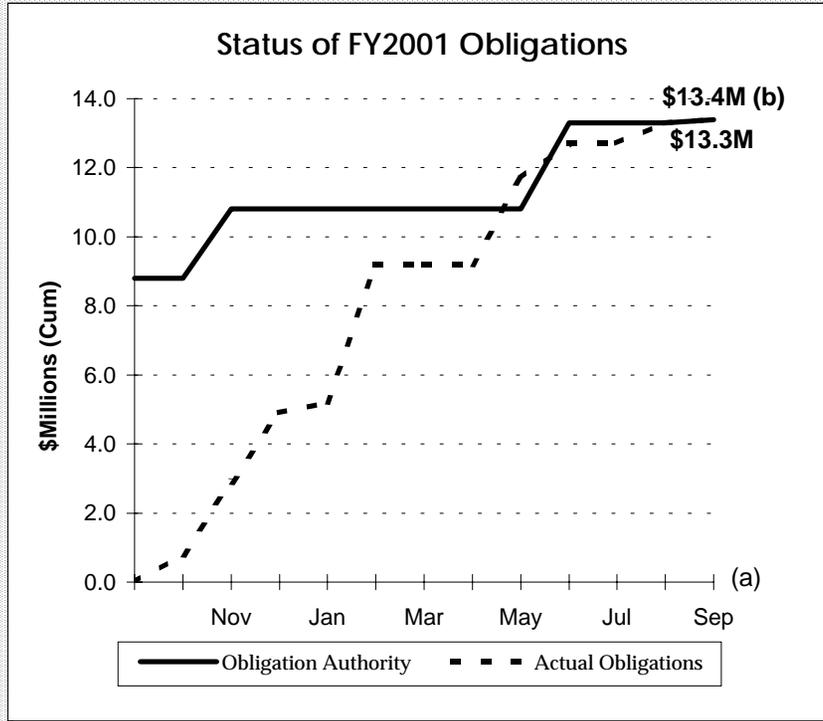
(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2001 September AFP and the most recent (i.e., September 30, 2001) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

## FY2001 OBLIGATION AND COST STATUS QUALITY ASSURANCE

4-1



Note: Charts include Yucca Mountain and WAST quality assurance.

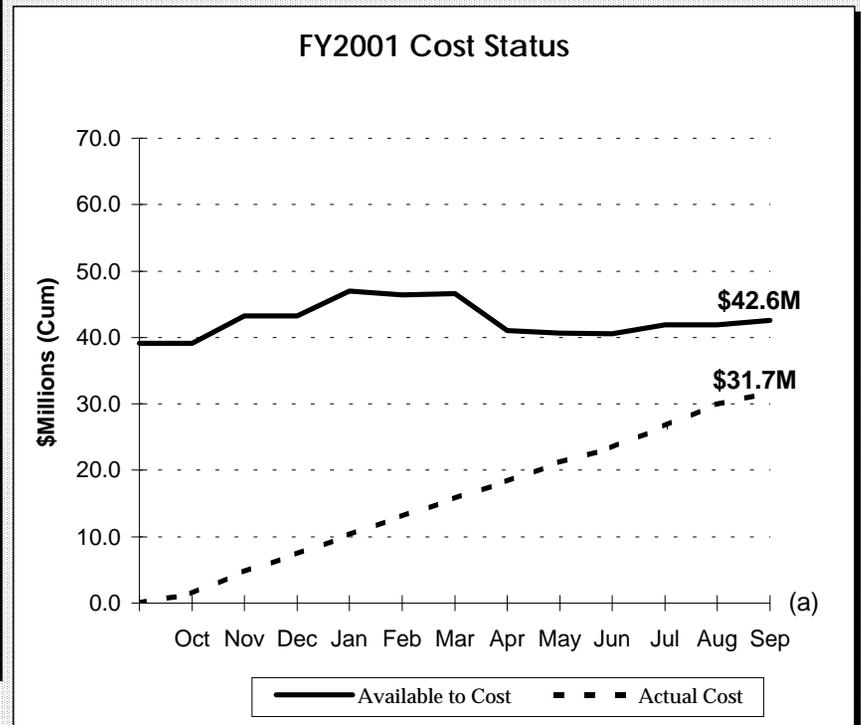
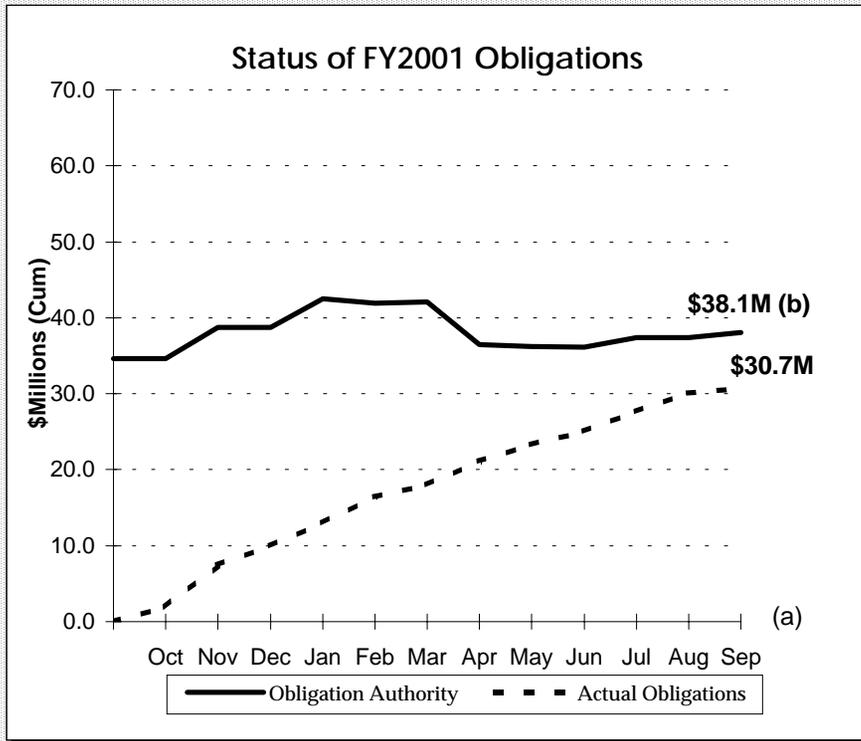
(a) Each tick mark represents the end of a calendar month.

(b) Total Obligational Authority (TOA) includes \$.1M of prior year obligations which have been de-obligated during FY 2001.

Note: Quantities shown are based on the FY 2001 September AFP and the most recent (i.e., September 30, 2001) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

## FY2001 OBLIGATION AND COST STATUS PROGRAM MANAGEMENT



(a) Each tick mark represents the end of a calendar month.

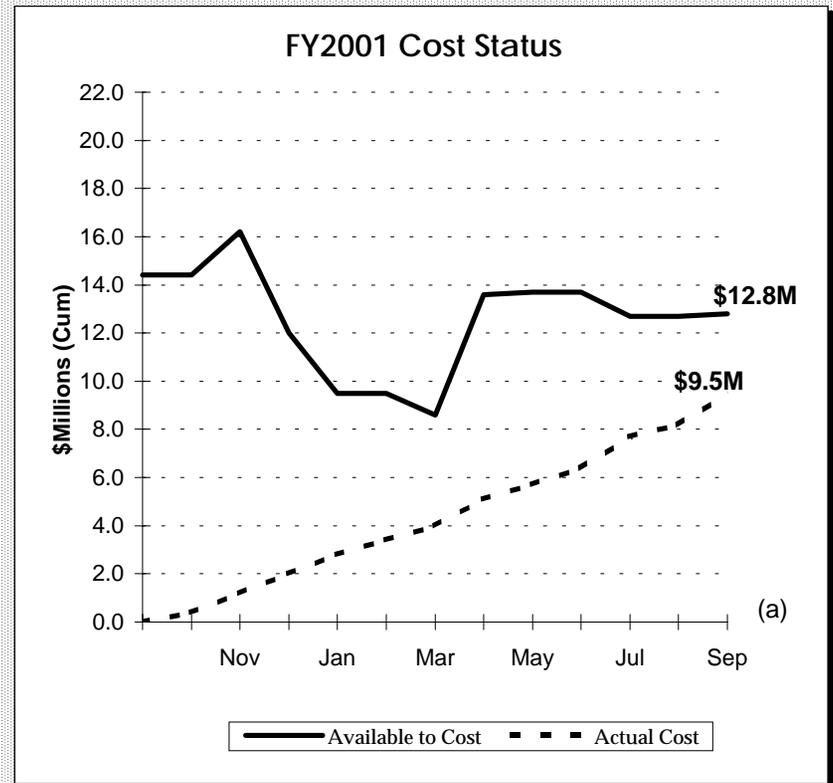
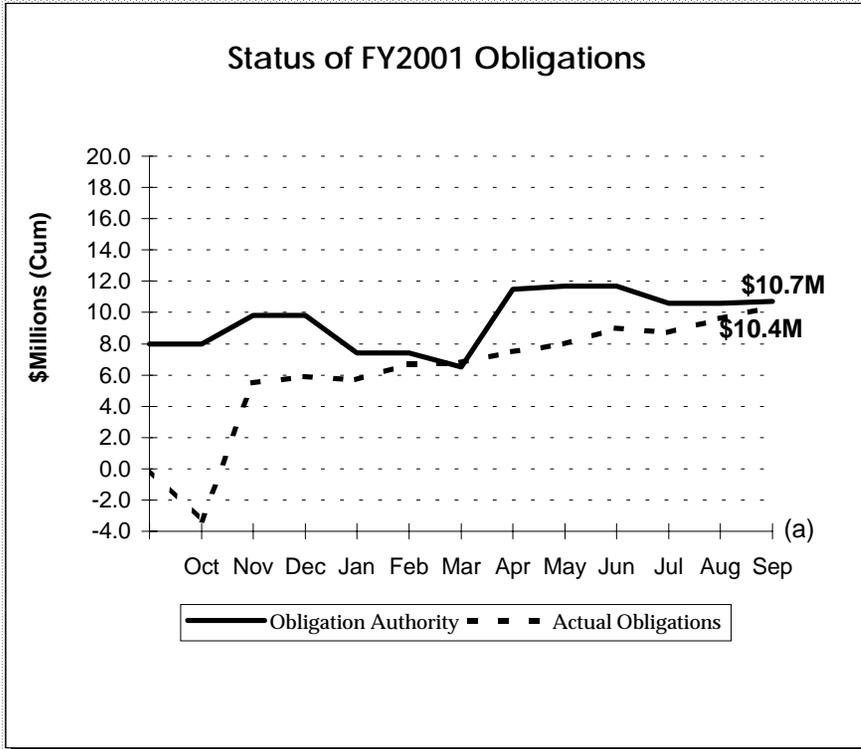
(b) Total Obligational Authority (TOA) includes \$.2M of prior year obligations which have been de-obligated during FY 2001.

Note: Quantities shown are based on the FY 2001 September AFP and the most recent (i.e., September 30, 2001) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

# FY2001 OBLIGATION AND COST STATUS HUMAN RESOURCES AND ADMINISTRATION

4-3



(a) Each tick mark represents the end of a calendar month.

Note: Quantities shown are based on the FY 2001 September AFP and the most recent (i.e., September 30, 2001) FIS report.

Sources: Financial Information System Reports and Approved Funding Programs for each calendar month shown.

# Civilian Radioactive Waste Management Program/Major Historical Milestones (CY 1983-1992)

|  | 1983   | 1984   | 1985  | 1986   | 1987   | 1988   | 1989   | 1990  | 1991   | 1992   |
|--|--|--|---|--|--|--|--|---|--|--|
| <b>LEGISLATION</b>   | 1/83 President signs Nuclear Waste Policy Act (NWPA) establishing OCRWM      |  |   |  |  |  |  |   |  | 10/92 Congress Enacts Energy Policy Act u    |
| <b>EXTERNAL ACTIONS</b>  |  | 8/84 NRC publishes waste confidence rulemaking u                     | 4/85 President authorizes OCRWM to dispose DHEW u       | 7/86 NRC issues first license for independent dry spent fuel storage u                               |  | 11/89 NRC publishes update to waste confidence rulemaking u  | 9/89 Issue Management Systems Improvement Strategy (MSIS) 8/90 |   | 1/91 8/90 Senate confirms D. Leroy as the nuclear waste negotiator | 1/91 NRC accepts OCRWM QA program            |
| <b>PROGRAM MANAGEMENT</b>  | 6/84 Issue Draft Mission Plan B. Rusche named first Director of OCRWM 6/84 t | 6/85 Issue Mission Plant t   | 1/87 Issue Draft Mission Plan Amendment t               | 6/87 Issue Mission Plan Amendment t  | 6/88 Issue Draft Mission Plan Amendment t                | 4/90 Issue Secretary's 60-day report to Congress t   | 8/90 J. Bartlett named Director of OCRWM t                     | 2/91 Award M&O Contract t                                     | 9/91 Issue Draft Mission Plan Amendment t                          | 5/92 First Director's Forum t                |
| <b>FIRST REPOSITORY</b>  | 2/83 Identify 9 potentially suitable sites t                                 | 12/84 Issue final repository siting guidelines (10 CFR 960) t        | 9/85 Issue final geologic & environ. Char. Reports t    | 5/86 Publish Final EAs Secretary nominates 5 sites President approves 3 sites for characterization t | 12/87 NWPAA mandates Site Char. At Yucca Mountain only t | 1/88 Issue SCP 12/88 Issue consultation draft Site Char. Plan (SCP) 1/88 Complete ESF Title I Design t | 11/88 12/88 Issue Section 175 socioeconomic report t           | 7/89 NRC issues site char. analysis t                         | 6/91 Issue early site suitability evaluation report t              | 3/92 Receive final permit from Nevada t      |
| <b>SECOND REPOSITORY</b>   | 2/83 Issue draft siting guidelines t   | 1/86 Issue draft area recommendation report (12 areas in 7 states) t | 4/85 Issue final region-to-area screening methodology t | 5/86 Postpone site-specific work for second repository indefinitely t                                | 12/87 NWPAA terminates second repository program t       | 1/88 Issue updated ESF Title I Design summary report t   | 10/91 Issue report on alternatives for ESF config. t           | 1/91 Start new surface-based testing t                        | 12/91 Start ESF Title II (KD2) Design t                            | 10/92 ESF Start ACD t                        |
| <b>MONITORED RETRIEVABLE STORAGE (MRS)/ MULTI-PURPOSE CANISTER (MPC)</b> | 2/83 Start MRS conceptual design t   | 2/86 Issue MRS Environmental Assessment t                            | 6/85 Issue report on need for & feasibility of an MRS t | 3/87 Submit proposal for an MRS facility at Oak Ridge, TN t  | 12/87 Oak Ridge proposal annulled & revoked by NWPAA t   | 6/88 Start MRS systems study t   | 6/89 Issue MRS systems study summary report t                  | 4/92 Award first Phase II grants t                            | 10/91 Award first Phase I grants t                                 | 11/92 Generic MRS Conceptual Design Report t |
| <b>TRANSPORTATION</b>  |  | 9/85 Issue draft Institutional Plan t                                | 1/86 Issue Business Plan t                              |  |  |  |  | 1/92 Issue draft Section 180(c) strategy for public comment t | 7/91 Announce strategy to acquire existing technology casks t      | 11/92 Issue final Section 180(c) strategy t  |
|  |  |  |   |  |  |  |  |   |  |  |
|  |  |  |   |  |  |  |  |   |  |  |
| <b>WASTE ACCEPTANCE</b>  | 1/83 Sign standard contract with utilities t                                 | 6/85 Receive one-time fee payment t                                  |   | 6/87 Issue first annual capacity report t  |  |  |  | 12/91 Issue acceptance priority ranking t                     |  | 1/92 Begin receiving delivery schedules t    |

A-1

# Civilian Radioactive Waste Management Program/Major Historical Milestones (CY 1993-2001)

|  | 1993   | 1994  | 1995  | 1996  | 1997   | 1998   | 1999  | 2000   | 2001   |      |
|--|--|---|---|---|--|--|---|--|--|------|
| <b>LEGISLATION</b>                                 |  |   |   |   |  |  |   |  |  |      |
| <b>EXTERNAL ACTIONS</b>                            | Senate Confirms R. Stalling as the Nuclear Waste Negotiator<br>Stakeholders meeting 8/93   | 5/94 Stakeholders meeting<br>8/94 Site Suitability meetings (also 12/94)<br>11/94 MPC EIS scoping meetings (also 12/94) |   |   |  | DOE Issued Draft Environmental Impact Statement<br>EPA Published Notice of Proposed 40 CFR 197 Rulemaking<br>NRC Published Notice of Proposed 10 CFR 63 Rulemaking | DOE Issued VA 12/98   | Completed Public Hearings on the Draft Environmental Impact Statement 2/00<br>DOE Issued Supplement to Draft Environmental Impact Statement 8/99 | DOE Issued Preliminary Site Suitability Evaluation<br>DOE Issued Yucca Mountain Science and Engineering Report<br>DOE Issued Supplement to Draft Environmental Impact Statement 5/01 | 8/01 |
| <b>PROGRAM MANAGEMENT</b>                          | Developed Proposed Program Approach (PPA) 5/94<br>D. Dreyfus named Director of OCRWM 10/93 | Implement PPA 10/94   | 12/94 First OCRWM Program Plan Issued   | Plutonium Waste Forms added to CRWMS Baseline<br>Complete Technical Baseline Suite Revision 2 5/96  | 8/96 PBCCB Approved Program Multi-Year Baseline                            | 12/97  | I. Itkin named Director of OCRWM 12/99  |  |  |      |
| <b>FIRST REPOSITORY</b>                            |  | Released draft summary report on site suitability process 8/94  |   | Draft License Application Plan Complete 9/97<br>Approve TSPA-VA Methodology & Assumptions Report 8/97<br>Publish Notice of Proposed 10CFR960 Rulemaking 12/96 |  | OCRWM Accepts Viability Assessment (VA) 9/98   | Publish Supplemental Notice of Proposed 10CFR960 Rulemaking 11/90             |  |  |      |
| <b>YUCCA MOUNTAIN, NV(TUFF)</b>                    | Complete ESF starter tunnel 9/93<br>Award Tunnel Boring Machine (TBM) Contract             | Deliver TBM test-phase ops. to ESF site 4/94<br>Begin TBM test-phase ops. 9/94  | Muck conveyor system installed 7/95   | Complete GDF Drift#1 Construction 8/96<br>Complete ESF main Drift excavation 7/96   | Initiate Drift-Scale Thermal Test Daylight TBM at South Portal 4/97        | Start ECRB Cross Drift Excavation 7/97<br>Start Cross Drift TBM Operations 4/98  | Block Station 9/98  |  |  |      |
| <b>ESF</b>   | Issue initial report for Repository/Waste Package Advanced Conceptual Design (ACD) 8/94    |   | Complete repository & waste package advanced conceptual design report 3/96                                |   | Complete Phase I Design for VA 9/97  |  | Completed License Application Design Selection Report 6/99                    |  |  |      |
| <b>REPOSITORY DESIGN</b>                           |  |   | Submit Actinide-only BUC Topical Report Rev. 1 to NRC 5/97<br>Submit Phase I CISF TSAR Rev. 0 to NRC 5/97 |   |  |  |   |  |  |      |
| <b>MONITORED RETRIEVABLE STORAGE/MPC</b>           | Funding for grants suspended by Congress 11/93   | Office of Nuclear Waste Negotiator Expired 1/95   | Transfer MPC EIS to Department of Navy 12/95  | Submit DTS TSAR to NRC 9/96   |  | Submit Actinide-Only Burn-Up Credit (BUC) Topical Report Rev. 2 to NRC 10/98   |   |  |  |      |
| <b>TRANSPORTATION</b>                              | Complete draft MPC conceptual design<br>Issue final MPC feasibility study 1/93             | Issue RFP for MPC system 6/94   | Approve MPC conceptual design 9/94<br>Award MPC design contract 4/95                                      | MPC development phased out 7/96   | Issue Section 180(c) Notice of Revised Proposed Policy and Procedures 7/97 |  | Issue NWSA Section 180(c) Notice of Revised Proposed Policy & Procedures 4/98 |  |  |      |
| <b>LEGAL-WEIGHT TRUCK (LWT) CASK FINAL DESIGNS</b> | Complete draft transportation plan 6/94  | Submit GA-4/GA-9 Cask SARs to NRC 8/94  |   | 4/96 GA-4/9 cask development phased out   |  |  |   |  |  |      |
| <b>RAIL/BARGE CASK FINAL DESIGN</b>                | Issue NOI on interim spent fuel storage facility 5/94                                      |   |   | DOE notifies Utilities of fuel acceptance delay 12/96<br>U.S. Court rules DOE must accept waste by 1/31/98 7/96   |  |  |   |  |  |      |

▼ Within OCRWM    ◆ External to OCRWM

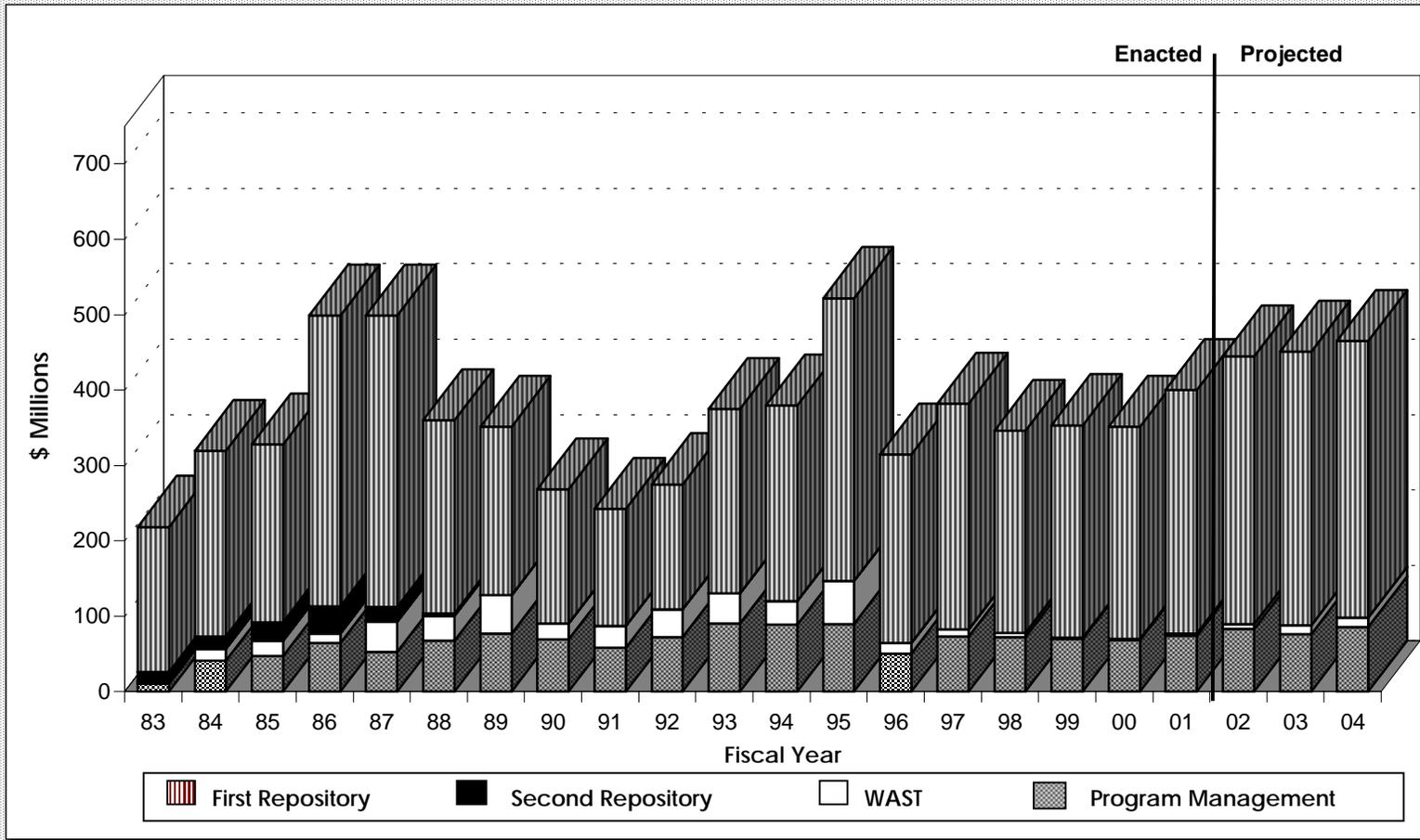
**PROGRAM COST HISTORY (d)**  
**(NUCLEAR WASTE FUND AND DEFENSE APPROPRIATION)**  
(dollars in thousands)

|  | FY 1983 | FY 1984 | FY 1985 | FY 1986 | FY 1987 | FY 1988 | FY 1989 | FY 1990 | FY 1991 | FY1992  | FY 1993 | FY1994  | FY1995  | FY1996  | FY1997  | FY1998  | FY1999  | FY2000  | FY2001  | TOTAL     |
|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|
| <b>OCRWM</b>                           |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |           |
| <b>FIRST REPOSITORY</b>                |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |           |
| Basalt Project                         | 42,959  | 60,307  | 69,848  | 104,487 | 128,179 | 61,707  | 8,656   | 4,592   | 1,368   | 909     | 475     | 221     | 71      | 3       | 0       | 0       | -12     | 0       | 60      | 483,831   |
| Yucca Mountain Project                 | 50,375  | 65,285  | 63,527  | 89,981  | 103,172 | 140,857 | 180,189 | 180,564 | 181,148 | 189,437 | 229,053 | 279,713 | 377,469 | 249,298 | 274,625 | 341,300 | 296,542 | 320,504 | 328,438 | 3,941,479 |
| Salt Project                           | 64,079  | 83,838  | 87,843  | 98,017  | 115,070 | 54,220  | 9,486   | 1,468   | 412     | -193    | 525     | -257    | 282     | -155    | 27      | -238    | -73     | 230     | 0       | 514,579   |
| RTP/Technical Support                  |         |         |         |         | 37,404  | 47,667  | 38,072  | 17,855  | 5,743   | 11,335  | 481     | 108     | 533     | -2      | 0       | 0       | 17      | 0       | 4       | 159,217   |
| <b>SECOND REPOSITORY</b>               | 8,376   | 17,094  | 22,370  | 26,028  | 6,988   | 375     | 58      | 0       | 0       | 0       | 0       | 0       | -3      | 5       | 0       | 0       | 0       | 0       | 0       | 81,291    |
| <b>WAST PROJECT</b>                    |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |           |
| MRS                                    | 3,723   | 10,436  | 15,339  | 5,925   | 1,384   | 1,364   | 1,566   | 2,109   | 5,459   | 21,336  | 15,385  | 3,698   | 8,152   | 114     | 0       | 0       | -11     | 0       | 0       | 95,979    |
| Engineering Development (a)            | 0       | 0       | 179     | 3,097   | 10,557  | 7,991   | 5,323   | 10,255  | 9,055   | 6,398   | 4,290   | 12,065  | 9,709   | 15,381  | 947     | 328     | -4      | -18     | 10      | 95,561    |
| Transportation System                  | 0       | 1,541   | 2,226   | 5,768   | 10,835  | 15,582  | 25,901  | 21,628  | 19,792  | 16,635  | 15,149  | 15,167  | 10,736  | 5,665   | 3,317   | 2,114   | 267     | -35     | 114     | 172,402   |
| Waste Acceptance (b)                   |         |         |         |         |         |         |         |         |         |         | 6,630   | 3,721   | 4,748   | 4,195   | 675     | 738     | 972     | 1,116   | 1,178   | 23,974    |
| Project Integration (e)                |         |         |         |         |         |         |         |         |         |         |         |         | 1,785   | 3,611   | 1,033   | 1,752   | 626     | 1,003   | 843     | 10,654    |
| Spent Fuel Storage                     |         |         |         |         |         |         |         |         |         |         |         |         |         | 2,331   | 3,318   | 1,588   | -187    | 174     | 35      | 7,259     |
| <b>PROGRAM INTEGRATION</b>             |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |           |
| Quality Assurance                      | 0       | 0       | 0       | 0       | 0       | 136     | 471     | 1,588   | 2,911   | 3,179   | 10,593  | 12,628  | 11,744  | 18,297  | 15,478  | 10,670  | 10,513  | 11,006  | 12,433  | 121,648   |
| Program Management & Integration (c,e) | 8,651   | 36,382  | 54,350  | 64,824  | 54,909  | 51,850  | 60,830  | 57,978  | 71,225  | 66,417  | 59,347  | 50,855  | 51,331  | 34,845  | 31,037  | 33,314  | 29,791  | 30,193  | 31,679  | 879,810   |
| Human Resources & Administration       | 147     | 1,108   | 574     | 584     | 686     | 275     | 283     | 7,661   | 5,287   | 10,795  | 28,433  | 27,096  | 31,065  | 10,825  | 9,344   | 10,240  | 7,347   | 8,996   | 9,510   | 170,254   |
| <b>TOTAL (OCRWM)</b>                   | 178,311 | 275,992 | 316,255 | 398,711 | 469,185 | 382,025 | 330,836 | 305,698 | 302,400 | 326,248 | 370,360 | 405,015 | 507,622 | 344,413 | 339,801 | 401,806 | 345,789 | 373,169 | 384,304 | 6,757,939 |
| <b>OCRWM</b>                           |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |           |
| <b>NWF Appropriation</b>               | 178,311 | 275,992 | 316,255 | 398,711 | 469,185 | 382,025 | 330,836 | 305,698 | 302,400 | 326,248 | 271,093 | 284,883 | 381,879 | 195,486 | 145,611 | 193,837 | 155,196 | 267,360 | 174,724 | 5,355,731 |
| <b>Defense Appropriation (f)</b>       |         |         |         |         |         |         |         |         |         |         | 99,267  | 120,132 | 125,743 | 148,927 | 194,189 | 207,969 | 190,593 | 105,809 | 209,580 | 1,402,208 |
| <b>TOTAL (OCRWM)</b>                   | 178,311 | 275,992 | 316,255 | 398,711 | 469,185 | 382,025 | 330,836 | 305,698 | 302,400 | 326,248 | 370,360 | 405,015 | 507,622 | 344,413 | 339,801 | 401,806 | 345,789 | 373,169 | 384,304 | 6,757,939 |
| <b>NON-OCRWM (g)</b>                   |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |           |
| NRC Fees                               |         |         |         |         |         | 19,932  | 18,674  | 22,870  | 19,650  | 19,962  | 21,100  | 22,000  | 22,000  | 11,000  | 15,000  | 15,000  | 17,000  | 19,150  | 21,600  | 264,938   |
| NWTRB                                  |         |         |         |         |         |         |         | 2,000   |         | 3,294   | 2,060   | 2,160   | 2,664   | 2,531   | 2,600   | 2,600   | 2,600   | 2,600   | 2,900   | 28,009    |
| NWN                                    |         |         |         |         |         |         |         | 5,959   |         |         |         | 1,000   | 1,000   |         |         |         |         |         |         | 7,959     |
| <b>TOTAL (NON-OCRWM)</b>               |         |         |         |         |         | 19,932  | 18,674  | 30,829  | 19,650  | 23,256  | 23,160  | 25,160  | 25,664  | 13,531  | 17,600  | 17,600  | 19,600  | 21,750  | 24,500  | 300,906   |

Note: Each cost entry is rounded to the nearest thousand. Rows and columns may not add due to this independent rounding.

- (a) Engineering Development costs include MPC development from FY 1993 through FY 1999.
- (b) Waste Acceptance costs prior to FY 1993 were included in Program Management and Integration.
- (c) Includes Debt Service from FY 1983 to FY 1985 of \$3.316M, \$4.472M, and \$2.512M, respectively. Does not include FY 1988 and FY 1989 NRC Fees costs of \$38,606,205 recorded in FIS in FY 1989.
- (d) All OCRWM cost categories are OCRWM baselined projects except for First Repository, Program Integration, and the subdivisions of the WAST Project. OCRWM costs are from End-of-Year Financial Information Systems Reports. Non-OCRWM costs before FY 1990 are NRC reported costs while after FY 1989 they are appropriations.
- (e) MRS Project Support costs are in Program Management and Integration in fiscal years 1993, 1994, and 1996 and in WAST Project Integration in fiscal year 1995.
- (f) Does not include costs from the \$5M in FY91 and \$7.5M in FY92 deposited into the nuclear waste fund by the Defense Environmental Restoration and Waste Management Program for the defense high-level waste disposal fee.
- (g) All costs are appropriations, except for NRC Fees in fiscal years 1988 and 1989, which are the actual costs reported by NRC.

# Program Budget History



A-4

Note- Funding for support services was moved from WAST and First Repository to Program Management starting in FY 1997.

Sources: Enacted Appropriations and FY 2002 Congressional Budget Request

First Repository includes BWIP, SRPO, YMP, RTP, and Technical support through FY92. Includes \$100M in FY93, \$120M in FY94, \$129.43M in FY95, \$163.4M in FY96, \$200M in FY97, \$190M in FY98, \$189M in FY99, \$111.6M in FY00, \$209.7M in FY01, \$310M in FY02, \$313M in FY03, and \$324M in FY04 from the Defense Nuclear Waste Disposal Appropriation. Does not include \$4M appropriated in FY99 from general revenues to assess accelerator transmutation of waste (ATW) technology. Does not include budget appropriated for NRC Fees, the NWN, or the NWTRB.

**PROGRAM BUDGET HISTORY <sup>(a)</sup>**  
**(NUCLEAR WASTE FUND AND DEFENSE APPROPRIATION) <sup>(b)</sup>**  
(dollars in thousands)

|                            | FY83           | FY84           | FY85           | FY86           | FY87           | FY88           | FY89           | FY90           | FY91           | FY92           | FY93           | FY94           | FY95           | FY96           | FY97 (g)       | FY98 (g)       | FY99 (g,h)     | FY00 (g,i)     | FY01 (j)       | Total            |
|----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| <b>OCRWM (By category)</b> |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| FIRST REPOSITORY           | 192,537        | 246,560        | 235,246        | 386,050        | 386,446        | 256,000        | 223,700        | 177,816        | 155,180        | 165,550        | 244,697        | 259,509        | 375,270        | 250,000        | 299,459        | 267,710        | 281,879        | 281,175        | 323,542        | 5,008,326        |
| SECOND REPOSITORY          | 12,322         | 16,270         | 24,709         | 35,500         | 19,800         | 3,500          |                |                |                |                |                |                |                |                |                |                |                |                |                | 112,101          |
| WAST PROJECT               | 3,499          | 15,900         | 20,344         | 12,925         | 39,700         | 33,000         | 51,000         | 21,200         | 29,310         | 36,848         | 39,630         | 31,866         | 56,729         | 13,600         | 9,360          | 5,947          | 1,850          | 1,795          | 2,661          | 427,164          |
| PROGRAM MANAGEMENT (c, d)  | 10,242         | 40,891         | 47,370         | 64,562         | 53,054         | 67,500         | 77,132         | 69,040         | 58,340         | 72,673         | 90,744         | 88,625         | 90,061         | 50,867         | 73,181         | 72,343         | 69,736         | 68,205         | 74,176         | 1,238,742        |
| <b>TOTAL (OCRWM) (e)</b>   | <b>218,600</b> | <b>319,621</b> | <b>327,669</b> | <b>499,037</b> | <b>499,000</b> | <b>360,000</b> | <b>351,832</b> | <b>268,056</b> | <b>242,830</b> | <b>275,071</b> | <b>375,071</b> | <b>380,000</b> | <b>522,060</b> | <b>314,467</b> | <b>382,000</b> | <b>346,000</b> | <b>353,465</b> | <b>351,175</b> | <b>400,379</b> | <b>6,786,333</b> |
| <b>OCRWM (By Approp)</b>   |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| NWF Appropriation          | 218,600        | 319,621        | 327,669        | 499,037        | 499,000        | 360,000        | 351,832        | 268,056        | 242,830        | 275,071        | 275,071        | 260,000        | 392,630        | 151,067        | 182,000        | 156,000        | 164,465        | 239,601        | 190,654        | 5,373,204        |
| Defense Approp (e)         |                |                |                |                |                |                |                |                |                |                | 100,000        | 120,000        | 129,430        | 163,400        | 200,000        | 190,000        | 189,000        | 111,574        | 209,725        | 1,413,129        |
| <b>TOTAL (OCRWM) (e)</b>   | <b>218,600</b> | <b>319,621</b> | <b>327,669</b> | <b>499,037</b> | <b>499,000</b> | <b>360,000</b> | <b>351,832</b> | <b>268,056</b> | <b>242,830</b> | <b>275,071</b> | <b>375,071</b> | <b>380,000</b> | <b>522,060</b> | <b>314,467</b> | <b>382,000</b> | <b>346,000</b> | <b>353,465</b> | <b>351,175</b> | <b>400,379</b> | <b>6,786,333</b> |
| <b>NON-OCRWM</b>           |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |
| NRC Fees                   |                |                |                |                |                |                | 15,000         | 49,970         | 19,650         | 19,962         | 21,100         | 22,000         | 22,000         | 11,000         | 11,000         | 15,000         | 17,000         | 19,150         | 21,600         | 264,432          |
| NWTRB                      |                |                |                |                |                |                |                | 2,000          |                | 3,294          | 2,060          | 2,160          | 2,664          | 2,531          | 2,531          | 2,600          | 2,600          | 2,600          | 2,900          | 27,940           |
| NWN (f)                    |                |                |                |                |                |                |                | 5,959          |                |                |                | 1,000          | 1,000          | 0              | 0              | 0              | 0              | 0              | 0              | 7,959            |
| <b>TOTAL (NON-OCRWM)</b>   |                |                |                |                |                |                | <b>15,000</b>  | <b>57,929</b>  | <b>19,650</b>  | <b>23,256</b>  | <b>23,160</b>  | <b>25,160</b>  | <b>25,664</b>  | <b>13,531</b>  | <b>13,531</b>  | <b>17,600</b>  | <b>19,600</b>  | <b>21,750</b>  | <b>24,500</b>  | <b>300,331</b>   |

A-5

- (a) The source for each fiscal year's budget authority is the last Congressional Budget Request (CBR) which listed the BA for that year. For example, FY 1995 BA was last listed in the FY 1997 CBR.
- (b) This chart includes budget authority derived from the Nuclear Waste Fund which was appropriated for nuclear waste disposal, the Nuclear Waste Technical Review Board, the Nuclear Regulatory Commission, and the Nuclear Waste Negotiator. It also includes appropriations for defense nuclear waste disposal. This chart does not include non-Program budget authority such as the \$4M appropriated from general revenues in FY 1999 to assess accelerator transmutation of waste (ATW) technology nor sums appropriated for energy supply R&D activities conducted by OCRWM.
- (c) FY95 reflects the rescission of \$196K. FY96 reflects the rescission of \$559K by P.L. 104-134
- (d) Includes \$26K in FY95 and \$26K in FY96 from the DOE Departmental Administration appropriation funded from sources other than the NWF.
- (e) FY96 does not include \$85M appropriated for Interim Storage Facility (ISF), but not authorized. Does not include the \$5M in FY91 and \$7.5M in FY92 deposited into the nuclear waste fund by the Defense Environmental Restoration and Waste Management Program for the defense high-level waste disposal fee.
- (f) FY94 funded from sources other than the NWF.
- (g) First Repository and WAST Project support services funding is included in Program Management after FY 1996. FY98 reflects the rescission of \$4 million appropriated for NRC to use to license an MPC design.
- (h) The Emergency Steel Loan Guarantee and Emergency Oil and Gas Guaranteed Loan Act of 1999 (H.R. 1664) rescinded \$535,000 of FY 1999 funds from the Nuclear Waste Disposal Fund appropriation.
- (i) For FY 2000, Public Law 106-113 rescinded \$426,000 from the Defense Nuclear Waste Fund appropriation and \$899,000 from the Nuclear Waste Disposal Fund appropriation.
- (j) For FY 2001, the FY 2001 Consolidated Appropriations Act rescinded \$275,000 from the Defense Nuclear Waste Fund appropriation and \$420,000 from the Nuclear Waste Disposal Fund appropriation.